

L Number	Hits	Search Text	DB	Time stamp
1	173	(Kuber near Sampath.in.) or (Charles near Cohen.in.) or (eiichi near Oeda.in.) or (Masahiro near Kawabata.in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/11 20:43
2	75	((Kuber near Sampath.in.) or (Charles near Cohen.in.) or (eiichi near Oeda.in.) or (Masahiro near Kawabata.in.)) and morphogen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/11 21:20
4	15	morphogen and smad	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/11 21:24
6	272	morphogen and phenotype	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/11 21:25

L Number	Hits	Search Text	DB	Time stamp
1	518	morphogen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/12 13:12
2	171	morphogen and (hepatocyte or renal adj1 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/12 13:15
3	2	morphogen and (hepatocyte or renal adj1 cell) and smad	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/12 13:13
4	128	morphogen and (hepatocyte or renal adj1 cell) and phenotype	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/12 13:17
6	61	morphogen same phenotype	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/12 13:46

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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A61K 6/00, A61L 27/00	A1	(11) International Publication Number: WO 94/06399 (43) International Publication Date: 31 March 1994 (31.03.94)
(21) International Application Number: PCT/US93/08742 (22) International Filing Date: 15 September 1993 (15.09.93) (30) Priority data: 945,285 15 September 1992 (15.09.92) US 029,335 4 March 1993 (04.03.93) US 040,510 31 March 1993 (31.03.93) US (71) Applicant: CREATIVE BIOMOLECULES, INC. [US/ US]; 45 South Street, Hopkinton, MA 01748 (US). (72) Inventors: KUBERASAMPATH, Thangavel ; Six Spring Street, Medway, MA 02053 (US). RUEGER, David, C. ; 19 Downey Street, Hopkinton, MA 01748 (US). OPPER- MANN, Hermann ; 25 Summer Hill Road, Medway, MA 02053 (US). COHEN, Charles, M. ; 98 Winthrop Street, Medway, MA 02053 (US). PANG, Roy, H., L. ; 15 Partridge Road, Etna, NH 03750 (US). SMART, John, E. ; 50 Meadow Brook Road, Weston, MA 02193 (US). OZKAYNAK, Engin ; 44 Purdue Drive, Milford, MA 01757 (US).		(74) Agent: KELLEY, Robin, D.; Testa, Hurwitz & Thibault, Exchange Place, 53 State Street, Boston, MA 02109 (US). (81) Designated States: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: MORPHOGEN-INDUCED PERIODONTAL TISSUE REGENERATION (57) Abstract Disclosed are methods and compositions for inducing periodontal tissue morphogenesis in a mammal which include a therapeutically effective concentration of a morphogen. The methods and compositions are useful for integrating an implanted tooth in a tooth socket and for inhibiting tissue loss associated with periodontal disease or injury.		

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(21) International Application Number: PCT/US98/26788 (22) International Filing Date: 16 December 1998 (16.12.98) (30) Priority Data: 60/069,931 17 December 1997 (17.12.97) US 60/110,498 1 December 1998 (01.12.98) US (71) Applicant (for all designated States except US): CREATIVE BIOMOLECULES, INC. [US/US]; 45 South Street, Hopkinton, MA 01748 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SAMPATH, Kuber, T. [US/US]; 98 Pamela Drive, Holliston, MA 01746 (US). COHEN, Charles, M. [US/US]; 1 Harrington Lane, Weston, MA 02193 (US). OEDA, Eiichi [JP/JP]; 455-3-B202, Kogushi, Ube, Yamaguchi 755-0067 (JP). MIYAZONO, Kohei [JP/JP]; 5-5-34, Honcho, Shiki, Saitama 353-0004 (JP). KAWABATA, Masahiro [JP/JP]; 4-23-20, Sakuragaoka, Setagaya-ku, Tokyo 156-0054 (JP). (74) Agent: CAMACHO, Jennifer, A.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: METHODS FOR MAINTAINING OR RESTORING TISSUE-APPROPRIATE PHENOTYPE OF SOFT TISSUE CELLS (57) Abstract Methods for maintaining or restoring tissue-appropriate phenotype of diseased, damaged, or aged mammalian soft tissue cells and methods for treating disorder characterized by a decreased level of endogenous expression of a morphogen. The methods of the invention serve to manipulate any one or several aspects of morphogen-activated regulatory pathways of phenotype-specific protein expression.		